

## **AMENDMENTS TO THE CLAIMS:**

1. (Previously Presented) A method for blocking SMS (Short Message Service) spam messages in an SMS server, comprising the steps of:

a) when an SMS message and its corresponding SMS message phone number to be transmitted to a subscriber of a mobile communication terminal is received from a base station, determining if a spam blocking option is set;

b) if the spam blocking option is set, accessing a spam-blocking information database, and searching for the SMS message phone number to determine if the SMS message phone number is registered in the spam-blocking information database; and

c) if the SMS message phone number is registered in the spam-blocking information database, ending the procedure for the received message without performing message processing for SMS services on the received message.

2. (Previously Presented) A method for blocking SMS (Short Message Service) spam messages in an SMS server, comprising the steps of:

a) when an SMS message to be transmitted to a subscriber of a mobile communication terminal is received from a base station, determining if a spam blocking option is set;

b) if the spam blocking option is set, determining if the received message includes a predetermined word, said predetermined word being prestored in a spam-blocking information database; and

c) if the received message includes a predetermined word, ending the procedure for the received message without performing message processing for SMS services on the received message.

3. (Previously Presented) A method for blocking spam messages in a mobile wireless communication terminal, comprising the steps of:

a) when an SMS message is received, determining if a spam blocking option is set;

b) if the spam blocking option is set, accessing a database of previously-registered spam-blocking information to determine if the received message is an SMS spam message; and

c) when it is determined that the received message is a spam message, controlling the terminal so as not to notify receipt of the message.

4. (Previously Presented) The method as set forth in claim 3, further comprising the step of:

d) determining if a spam message is set to be stored, after blocking the message-receipt notification, and storing the received SMS spam message if it is determined that the spam message is to be stored.

5. (Previously Presented) The method as set forth in claim 3, wherein a phone number of an SMS spam-message sender is registered in the spam-blocking information

database, and step a) further includes the step of:

a-1) detecting an SMS message phone number from the received SMS message, and determining if the SMS message phone number is registered in the spam-blocking information database.

6. (Previously Presented) The method as set forth in claim 3, wherein a predetermined word is registered in the spam-blocking information database, and step a) further includes the step of:

a-2) determining if the registered predetermined word is included in the received SMS message.

7. (Previously Presented) The method as set forth in claim 3, wherein a phone number of an SMS spam message sender and a predetermined word implying an SMS spam message are registered in the spam-blocking information database, and step a) further includes the steps of:

a-1) detecting an SMS message phone number from the received SMS message, and determining if the SMS message phone number is registered in the spam-blocking information database; and

a-2) determining if the registered predetermined word is included in the received SMS message.

8. (Previously Presented) The method as set forth in claim 3, further comprising

the step of:

d) reading a previously stored warning message, from the database, and transmitting the previously stored warning message to a call back number detected from the SMS message.

9. (New) The method of claim 1, wherein the step of determining whether a spam blocking option is set occurs before an initial access to the spam-blocking information database is made.